



NEWPORT PAGNELL URBAN DISTRICT.

ANNUAL REPORT
OF THE

MEDICAL OFFICER OF HEALTH

FOR THE YEAR 1937.

Gentlemen,

I beg to submit to you my Annual Report for the year 1937. It follows the same lines as in previous years. The Birth Rate is 12.09 as compared with 10.9 for 1936. The Death Rate is 12.4 as compared with 10.4 for 1936. The District has been very free from Infectious Diseases during the year. I have commented on the water supply which I hope and believe will be satisfactory as regards purity in the future. The sewerage of Lakes Lane is an urgent matter and I hope will be carried out during the coming year.

Sanitary Administration.

Medical Officer of Health. Dr C.H.F. Bailey (part time).

Sanitary Inspector and
Surveyor. Mr. H.G. Ferrett.

Mr H.G. Ferrett relinquished his appointment at the end of the year and Mr J.F. Hopkin has been appointed in his place.

SECTION A.

General Statistics.

Area (acres).	3432.
Population (Registrar General's Estimate).	4050.
Number of Inhabited Houses end of 1937.	1307.
Rateable Value.	20814.
Sum represented by Penny Rate.	£86.

Vital Statistics.

Total Births.	49.
Males. - Legitimate. 25.	Illegitimate 1.
Females. Legitimate. 21.	Illegitimate 2.

Birth Rate.	12.09
Birth Rate for England and Wales.	14.9

Total Deaths.	67.
Males.	30.
Females.	37.

Population (Registrar General's Estimate)	4050.
Crude Death Rate.	16.54.
Corrected for Age and Sex Distribution.	12.4
Death Rate for England and Wales.	12.4

Deaths of Infants under 1 year.	Males - 2.
	Females - 0.

This gives a Death Rate of 40.31 per 1,000 Live Births.

There were no deaths from Puerperal Causes.	
Deaths from Cancer.	6.
Deaths from Measles.	0.
Deaths from Whooping Cough.	0.
Deaths from Diarrhoea (under 2 years of age)	0.

SECTION C.

Sanitary Circumstances of the District.

WATER.

The Caldecote Supply.

In January an adverse report was received from the Clinical Research Association stating that the water was polluted and unfit for drinking purposes. In consequence of this the supply was suspended on January 26th. The matter of the purity of the water was placed in the hands of The Counties Public Health Laboratories. They made an exhaustive enquiry into both the source of supply and its treatment from the raw water until its passage into the mains. They issued a very comprehensive report. They gave the results of many analyses and put forward their suggestions for obtaining a pure and wholesome supply.

Their conclusions were that the raw water was liable to pollution especially in time of flood. To secure a pure supply at all times careful treatment would be required. Their recommendations were that the gathering ground should be protected. That certain alterations in the chemical treatment should be adopted. These were:-

1. That the rate of output should be diminished. Normally 8,000 gallons an hour are dealt with. This should be reduced to half, say 70 gallons per minute.
2. As regards chemical dosage, the use of Soda Ash should be discontinued and Lime only used.
3. The use of Sodium Aluminate reduced to 1 gr per gallon.
4. That 2 or 3 gr of Sulphate of Alumina per gallon should be added to the limed water at its entry into the top of the Reaction Tank.
5. Sterilization should be carried out by means of Chlorine and Ammonia. This to be applied at the entry to the Clear Water Tank.
6. That when these alterations had been made a Representative of Messrs Paterson Engineering Company should attend and instruct the Works Attendant. These recommendations were carried out and a representative from Messrs Paterson Engineering Company instructed the works attendant.

The works were put into operation on October 25th to supply part of the town viz; Tickford Street, Priory Street, St. John Street and Silver Street. Since that date no adverse reports either chemical or bacteriological have been received.

A number of complaints have been received from residents in that part of the town served from this source. I think that these objections were largely due to changing from a hard deep well water of about 44 degrees of hardness to the comparatively soft water of 12 degrees of hardness. From now onwards the Council have decided that a chemical and bacteriological analysis shall be made once a month.

Ash Hill Water Supply.

The water from this source has also been analysed by the Counties Public Health Laboratories. The report shows that the water is clear and bright, very hard, the hardness being 44 degrees of which 26 degrees are temporary. That it is of a satisfactory degree of organic purity and of bacterial purity. That it is suitable for drinking and for domestic use. A few minor alterations have been made at the works to ensure no possibility of contamination of the wells.

DRAINAGE AND SEWERAGE.

Owing to the abnormal rains during the year difficulty was experienced in treating sewage at the Sewage Farm. To overcome this the Council gave instructions that the area of filtration should be extended.

A scheme for the sewerage of Lakes Lane has been prepared and approved by the Ministry of Health. It is hoped that the work will shortly be put in hand.

No new lengths of sewers were laid during the year.

SANITARY INSPECTORS REPORT.

1.	<u>General.</u>	
	No of Inspections.	240.
	" " Complaints received.	1
	" " Nuisances detected without complaint.	0
	" " Summonses taken out.	1
	" " Convictions.	1
2.	<u>Houses Nuisances.</u>	
	No of Roofs repaired.	0
	" " Spouts cleaned and repaired.	0
	" " Pavements repaired.	0
	" " Overcrowding abated.	0
	" " Dirty Houses Cleansed.	0
	" " Other house defects remedied.	4
3.	<u>Drains, W.C's etc.</u>	
	No of Drains repaired, Cleansed and ventilated.	0
	" " new drains laid (excluding new houses)	0
	" " W.C's constructed.	0
	" " W.C's repaired.	0
	" " W.C's supplied with water formerly without.	0
	" " Earth Closets repaired.	0
	" " " " constructed.	0
4.	<u>Water Supply.</u>	
	All houses supplied with tap water.	1285
5.	<u>Food.</u>	
	Seizures of unsound food.	0
	Surrenders of unsound food.	0
	Weight destroyed.	0
6.	<u>Slaughter Houses.</u>	
	No of Register.	4
	" of Inspections.	8
	" " defects found.	0
	" " " remedied.	0
7.	<u>Bakehouses.</u>	
	No of Register.	5
	" of Inspections.	5
	" " Defects found.	0
	" " " remedied.	0
8.	<u>Dairies, Cowsheds and Milkshops.</u>	
	No of Dairy-men or Purveyors of Milk on Register.	21
	" " Cowkeepers on Register.	19
	" " Inspections.	12
	" " Defects found.	0
	" " " remedied.	0
9.	<u>Factories and Workshops.</u>	
	No on Register.	45
	" of Inspections.	45
	" " Defects found.	0
	" " " remedied.	0

10. Various.

Visits to infected houses.	2
Houses disinfected.	0
Lodging House visits.	4
No of defects remedied.	0
Removal of animals improperly kept.	0
Offensive accumulation removed.	0
Ashbins provided.	0
Building Bye-laws contravened.	0
Sewer ditches cleansed.	0
Public Wells repaired.	0
Water Service pipes repaired.	0
Inspection of Offensive Trades.	6

SECTION D.
Housing.

Plans for the erection of 28 houses on the Broad Street Site have been submitted to the Ministry of Health.
The area of this site is 12 acres.
The Houses are to be erected under the Housing Act 1936.

1. Inspection of Dwelling Houses during the year:-

(1)(a) Total number of Dwelling Houses inspected for housing defects (under Public Health or Housing Acts)	12
(b) No of Inspections made for the purpose.	14
(2)(a) No of Dwelling Houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations 1925.	4
(b) No of Inspections made for the purpose.	4
(3) No of Dwelling Houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation.	0
(4) No of Dwelling Houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation.	0

2. Remedy of defects during the year without Service of formal Notices.

No of defective Dwelling Houses rendered fit in consequence of informal action by the Local Authority of their officers.	0
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3. Action under Statutory Powers during the Year.

(a) <u>Proceedings under Sections 9, 10 and 16 of the Housing Act, 1935.</u>	
(1) No of Dwelling Houses in respect of which Notices were served requiring repairs.	4
(2) No of Dwelling Houses which were rendered fit after service of formal notices	
(a) by owners.	4
(b) by Local Authority in default of owners.	0
(b) <u>Proceedings under Public Health Acts:</u>	
(1) No of Dwelling Houses in respect of which notices were served requiring defects to be remedied.	1
(2) No of Dwelling Houses in which defects were remedied after service of formal notice	
(a) by owners.	1
(b) by local authority, in default of owners.	0
(c) <u>Proceedings under section 11-13 of Housing Act, 1936.</u>	
(1) No of Dwelling Houses in respect of which Demolition Orders were made.	1
(2) No of Dwelling Houses demolished in pursuance of Demolition Orders.	10



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(d) <u>Proceedings under Section 12 of the Housing Act, 1936.</u>		
(1)	No of separate tenements or underground rooms in respect of which Closing Orders were made.	0
(2)	No of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit.	0
4. <u>Housing Act, 1936. Part IV. Overcrowding.</u>		
(a)(1)	No of Dwelling Houses overcrowded at the end of the year.	11
(2)	No of Families dwelling therein	11
(3)	No of persons dwelling therein.	65
(b)	No of new cases of overcrowding reported during the year.	2
(c)(1)	No of cases of overcrowding relieved during the year.	2
(2)	No of persons concerned in such cases.	6
(d)	Particulars of any cases in which dwelling houses have again become overcrowded after the local authority have taken steps for the abatement of overcrowding.	-
(e)	Any other particulars with respect to overcrowding conditions upon which the Medical Officer of Health may consider it desirable to report.	-

SECTION F. INFECTIOUS DISEASES.

Cerebrospinal Meningitis. 2 cases were notified from the General Hospital, Northampton after admission to that Institution. One case was fatal. The ages of the patients were 26 years and 1 year 4 months.

Enteric Fever. 1 case in a male aged 35.

No cases of Scarlet Fever or Diphtheria were notified during the year.

Tuberculosis.

2 cases of Pulmonary Tubercloses were notified during the year. One male, one female.

Age Group.	Male.	Female.
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25-35 yrs.	1	
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35-45 yrs.		
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55-65 yrs.		1
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Deaths.

Age Group.	Male.	Female.
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25-35 yrs.		2
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35-45 yrs.	1	
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The Deaths had been notified.

This concludes my report. I am much indebted to the Officers of the Council for their willing and ready help.

I am, Gentlement,

Your obedient Servant,

Chas. H.F. Bailey.

Medical Officer of Health.

30th May 1938.

